



The **Department of Psychology** is currently accepting applications for a

## **Research Assistant (PhD student).**

The position is offered for a period of 36 month, assuming the candidate has not previously spent time as a PhD student elsewhere. The starting date is as soon as possible. The position is part-time (**65 %** of regular working hours) with salary and benefits commensurate with a public service position in the state Hesse, Germany (TV-H E 13, 65 %).

The position is a part of the interdisciplinary, DFG-funded project 'Atypical Perception in Autism-Spectrum Disorders: Model-based Analysis of Functional and MR-Spectroscopy Data for the Investigation of Deviant Perceptual Processes'.

Duties include the independent the development, implementation and analysis of Bayesian causal models of human behavior and perception; close collaboration with experimental partners, and contributions to scientific publications. An association with the DFG-RTG 2271 'breaking expectations' or the CRC 135 'Cardinal Mechanisms of Perception' is possible.

The position is limited to a time period deemed adequate for the completion of a doctoral degree. As part of the assigned duties, there will be ample opportunity to conduct the independent scientific research necessary for the completion of a doctorate. The limitation complies with § 2, 1 WissZeitVG.

Formal requirements are a qualified degree in neuroscience, psychology, cognitive science, computer science, engineering or physics (Master, Diploma, or comparable) as well as demonstrable programming experience in a high-level language, e.g. Python or Matlab. We expect you to be interested in the topic of the project (to be documented in a motivation letter (1 page max), in which you may refer to prior experiences, for instance, a thematically pertinent thesis, student research assistant positions, etc.), or quantitative modeling. We also expect prior exposure to machine learning and Bayesian statistics. Experience with human behavioral experiments is advantageous, as well as willingness to acquire basic German language skills.

Feel free to contact Prof. Dr. Dominik Endres at [dominik.endres@uni-marburg.de](mailto:dominik.endres@uni-marburg.de) for more information.

We actively support the professional development of junior researchers, e.g. by the offers of Marburg Research Academy (MARA), the International Office, the Higher Education Didactics Office and the Human Resources Development Office.

We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. Applicants with children are welcome - Philipps-University is certified as a family-friendly university. Sharing a full-time position (§ 8 Abs. 2 S. 1 HGLG) as well as a reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs can not be refunded.

Please send your application (including a project-specific motivation letter in English, copies of relevant diplomas, curriculum vitae and contact details of two potential referees) mentioning reference number fb04-0004-wmz-2019 only as a single PDF file to [dominik.endres@uni-marburg.de](mailto:dominik.endres@uni-marburg.de) before February 15<sup>th</sup> 2019.